

Application No. 10/532,121

Docket No. 449122080500

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FEB 05 2007

In the Claims:

1. (Currently amended) A method for producing a breaker pole with solid-material insulation and having a drive opening to introduce a drive movement, including comprising a breaker having a switching housing, which has a drive side through which a switching rod passes, and a dimensionally stable sheath, which is made from insulating material and is provided with a connection part, wherein a breaker housing, with the exception of a drive side, and a sheath provided with the connection part delimit an intermediate space for cushioning, the method comprising:

producing the breaker and the dimensionally stable sheath independently from one another;
fixing the breaker in the sheath;
providing the cushioning by filling the intermediate space with a fluid compensating compound; and

curing the compensating compound,
wherein the intermediate space is filled with the fluid compensating compound via at least one casting channel provided in the sheath and/or the connection part, each casting channel is arranged below the intermediate space when it is filled with the fluid compensating compound and a vacuum is applied in the intermediate space when it is filled with the fluid compensating compound.

Claims 2-5. (Cancelled).

6. (Previously Presented) The method as claimed in claim 1 2, wherein each casting channel is sealed after filling.

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7. (Previously Presented) The method as claimed in claim 6, wherein each casting channel is sealed with an insulating material.

8. (Previously Presented) The method as claimed in claim 1, wherein the connection part is cast into the sheath when the latter is produced.

9. (Withdrawn) A breaker pole with solid-material insulation for interrupting an electrical current, comprising:

a drive opening which is provided for introducing a drive movement;

a breaker, which has a breaker housing;

a sheath, which is made of an insulating material, provided with a connection part and in which the breaker is fixed, an intermediate space formed between the sheath and the breaker housing being filled up by a compensating compound such that the breaker housing is at least partially surrounded by the compensating compound; and

a casting channel is provided in the sheath, which is provided with the connection part for producing the compensating compound once the breaker has been assembled in the sheath which is provided with the connection part.

10. (New) A method for producing a breaker pole with solid-material insulation and having a drive opening to introduce a drive movement, comprising a breaker having a switching housing, which has a drive side through which a switching rod passes, and a dimensionally stable sheath, which is made from insulating material and is provided with a connection part, wherein a breaker housing, with the exception of a drive side, and a sheath provided with the connection part delimit an intermediate space for cushioning, the method comprising:

producing the breaker and the dimensionally stable sheath independently from one another;

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fixing the breaker in the sheath;
providing the cushioning by filling the intermediate space with a fluid compensating compound; and
curing the compensating compound,
wherein the intermediate space is filled with the fluid compensating compound via at least one casting channel provided in the sheath and/or the connection part, each casting channel is arranged below the intermediate space when it is filled with the fluid compensating compound and the fluid compensating compound is introduced into the intermediate space under pressure.

11. (New) The method as claimed in claim 10, wherein each casting channel is sealed after filling.

12. (New) The method as claimed in claim 11, wherein each casting channel is sealed with an insulating material.

13. (New) The method as claimed in claim 10, wherein the connection part is cast into the sheath when the latter is produced.